

Rabbit ATP6V0D1 Polyclonal Antibody | anti-ATP6V0D1 antibody

ATP6V0D1 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201377	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

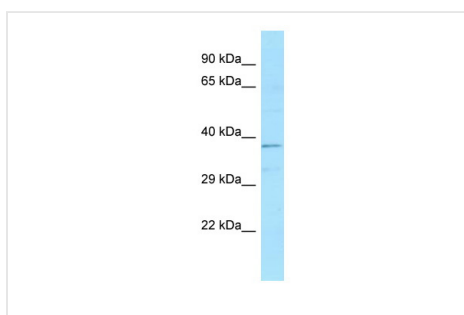
PRODUCT SYNONYMS

ATP6V0D1; Polyclonal Antibody; ATP6V0D1 Antibody - C-terminal region; anti-ATP6V0D1 antibody

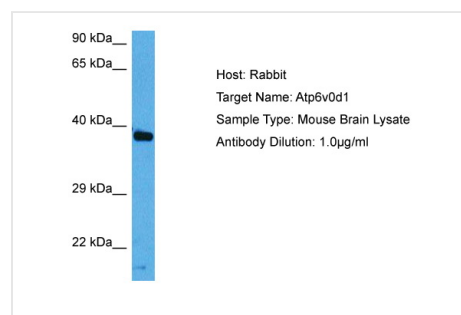
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KL LFEGAGSNPG DKTLED RFFE HEVKLNKLAF LNQHFGVVFY AFVKLKEQ
Sequence Length	351
Applicable Applications for anti-ATP6V0D1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human ATP6V0D1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ATP6V0D1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal kidney


WB (Western Blot)

Host: Mouse Target Name: ATP6V0D1 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V0D1 antibody	This is a rabbit polyclonal antibody against ATP6V0D1. It was validated on Western Blot Target Description: This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c'', and d. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This encoded protein is known as the D subunit and is found ubiquitously.
Product Categories/Family for anti-ATP6V0D1 antibody	Polyclonal; Membrane Protein; Cell Biology; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913432
NCBI GeneID	9114
NCBI Accession #	NP_004682
NCBI GenBank Nucleotide #	NM_004691
UniProt Accession #	P61421
Molecular Weight	39kDa
NCBI Official Full Name	V-type proton ATPase subunit d 1
NCBI Official Synonym Full Names	ATPase H+ transporting V0 subunit d1
NCBI Official Symbol	ATP6V0D1
NCBI Official Synonym Symbols	P39; VATX; VMA6; ATP6D; ATP6DV; VPATPD
NCBI Protein Information	V-type proton ATPase subunit d 1
UniProt Protein Name	V-type proton ATPase subunit d 1
UniProt Gene Name	ATP6V0D1
UniProt Synonym Gene Names	ATP6D; VPATPD; V-ATPase subunit d 1; p39
UniProt Entry Name	VA0D1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.